

Title (en)

Sliding member having improved wear resistance and fatigue strength

Title (de)

Gleitkörper mit verbesserten Verschleissfestigkeit und Dauerfestigkeit

Title (fr)

Élément coulissant avec une résistance à l'usure et une résistance à la fatigue améliorées

Publication

**EP 1149929 A2 20011031 (EN)**

Application

**EP 01109886 A 20010424**

Priority

JP 2000124457 A 20000425

Abstract (en)

The steel for nitriding consists of 0.5 to 1.0% of C, 1.0% or less of Si, 0.3 to 1.0% of Mn, 5.0 to 12.0% of Cr, 0.5 to 2.0% of Mo, 0.1 to 0.3% of V, the balance being Fe and exhibits improved wear-resistance and fatigue-strength.

IPC 1-7

**C22C 38/22**; **C22C 38/24**

IPC 8 full level

**F16C 33/12** (2006.01); **C22C 38/00** (2006.01); **C22C 38/04** (2006.01); **C22C 38/22** (2006.01); **C22C 38/24** (2006.01); **C23C 8/26** (2006.01)

CPC (source: EP US)

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